

Doc of the Bureau of Non-Coincidental ...  
of the Bureau of Non-Coincidental ...  
Computing Field, by S. Ya. Buzanov, I.S.  
... ..

REC'D: Mr. ... ..  
... ..

Area Report

S.S.

Doc 80

Normal Magnetization and Thermomagnetization of  
Anisotropic Rocks, by M. A. Grabovsky and S. Yu.  
Brodskaya, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 6,  
1980, pp 977-984.

Amer Geophys Union

Sci

Doc 59

102,173

An Arsonate-Aluminum Method for the Determination  
of Fluorine, by A. P. Kuteinikov, V. M. Brodskaya,  
4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 1,  
1962, pp 87-89.

CB

Sci

Oct 62

214,375

( NY-3427 ).

The Treatment of a Dysentery in Experimental  
Radiation Sickness, by Ye. A. Brodskaya, V. P.  
Bonykina, A. G. Kostritsa, 1 p.

RUSSIAN, par, Medit Radiolog, No 1, 1959.

JPRS 2216

Sci - Medicine

Oct 60

130,948

(2244-II)

Reflex Effects From Internal Organs on the  
Function of the Gastro-Intestinal Tract in  
Irrigated Animals, by Ya. A. Brodskaya, 7 pp.

RUSSIAN, part, Archiv Patologii, Vol XX, No 11,  
1958, pp 53-58.

JPRS L-639-W

Sci - Med  
Mar 59

82,646

(NY-4794).

Abstracts of the Proceedings of the Conference  
of Traumatologists and Orthopedists, by Ye. A.  
Brochkaya, 30 pp.

RUSSIAN, per, Ortopediya, Travmatologiya i  
Protezirovaniya, No 6, 1960, pp 87-94.

JPRB 5810

129,848

Sci - Med  
18 Oct 60

Magnetic Stability of Single Component and Two-  
Component Artificial Systems, by Yu. Brodskaya, M. A.  
Grabovskiy, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 1,  
1962, pp 54-56.

Amer Geophys Union

Sci

Oct 62

218,000

Separation of the Rare Elements from Accompanying  
Elements on a Silica Gel Column, by A. P. Kuzminikov,  
V. K. Brodskaya, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 3,  
1962, pp 305-310.

CB

Sci

Feb 63

232,587

Calanoids of the Far Eastern Seas and the Polar  
Basin of the USSR, by K. A. Brodskii  
RUSSIAN, bk, 440 pp.  
NLL REF: 083.9 IPST 1884

July 69

383,395

Nine Papers on Number theory and  
Theory of Operators, by Brodskiy, Gohberg.  
RUSSIAN, bk, Vol 13, 1960, 346 pp.  
Amer. Math. Soc. LC No. 51-5559

Sci+Math  
June 66

303,337

NCH-202 002

Field 7C

Brodski, A. L.; Pokhodenko, V. D.; Ganyuk, L. N.  
TRANSFORMATIONS OF THE FREE RADICALS FORMED  
BY THE OXIDATION OF STERICALLY HINDRED  
PHENOLS. J. Polym. Sci. Polym. Chem. Ed. 2:225-232 (1964).  
Order from NLL: 225-232 as RTH-2862

Trans. of Roczniki Chemii (Poland) v38 n1 p105-113 1964.  
An abstract trans. is available from CFSTI \$0.50 as  
TT-64-31079.

I. National Lending  
Library for Science  
and Technology,  
Boston Spa (England)

Thirty Thousand Tons, by A. Brodskiy, 6 pp.

RUSSIAN, per, Tekhnika Molodashi, No 10, 1958,  
pp 20-22.

ATIC F-TS-4963/III

USIA

Doc

Dec 60

136,689

On the Nonlinear Theory of Elementary Particles,  
by D. Ivanchenko, A. Brodskiy, 5 pp.

RUSSIAN, par Dok Ak Nauk SSSR, Vol CXX, No 5,  
1958, pp 995-998.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 3

Sci. - Phys

Jul 59

92,095

Increasing the Sensitivity of the Rayleigh  
Disc, by A. D. Brodskiy, V. L. Kan, 4 pp.

RUSSIAN, per,  Zhurnal Tekh, No 1, 1959,  
pp 56-57.

Instru Soc of Amer

Sci

Apr 60

113,174

A New Method of Absolute Temperature Measurements, by  
A. D. Brodskiy, A. V. Savateyev, 5 pp.

RUSSIAN, per, Izmeritel' Tekh, No 5, 1960, pp 21-24.

ISA

Sci -  
Apr 61

146,483

12 725

AT-1 \*US-8

BRODSKII A. E.

Utilization of isotopes for investigating the constitution of  
chemical compounds and reaction mechanisms

Anwendung von Isotopen zur Erforschung der Konstitution  
chemischer Verbindungen und von Reaktionsmechanismen

\* Atomnaya Energiya, 5, No. 1, p. 52 (1958)

Kernenergie, 2, No. 8, 740-750 (1959) - German

AT-1: Ch. 1960/61, No. 16 - German

\* US-8: \$ 12.50 - English

Euratom

NY-520579

NY Transloading Equipment for River Ports, NY  
Rechnoy, 7 pp.

FISH LAKE per, Rechnoy Transport, No 12, 1960.  
5-10

JPRS 9097

154, 64

Preservation and Homotransplantation of  
Eukaryotes, by A. F. Bredskiy, 35 pp.  
USSR, bk, Membrivirologiya i Comotrans-  
plantatsiya Dandy, 1964, pp. 88-99,

MR-181

DATE 8/8/95

A. F. BREDSKIY

REF ID: A61141  
Ex-1-By/11  
Pgs 60

275,302

~~(S)~~

STRIPS OF PRESERVED HUMAN CADAVER SKIN,  
(FIRST CLINICAL OBSERVATIONS) BY A. F.  
BRODSKIY, 10 PP.

RUSSIAN, PER, NOVYY KHIR ARKH, NO 1L, 0  
1961, PP 26-32.

JPRS 12366

SCI - MED  
FEB 62

103, 06

Investigation of the Mechanism of Electrolytic  
Formation and Decomposition of Percarbonate, Perborate  
and Perphosphate by the Isotope Method, by I. F.  
Franchuk, A. I. Brodskiy, 4 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol CXVIII, No 1,  
1958, pp 128-131

Consultants Bureau

Sci - Chem  
Doc 58

77,452

Towards a General Theory of Meson Scattering, by  
A. Brodskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,  
No 4, Nov-Dec 1956, pp 787-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol I, No 6

Sci - Physics  
Oct 57

53,405

Isotopic Investigation of the Higher Oxides and Peroxides of Uranium, by A. I. Brodskiy, N. P. Pranchuk, 4 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Vol. CXXXVIII, No. 6, 1961, pp. 1345-1348.

CB

Sci

195,214

May 62

Oxygen Exchange in Halogenic Acids and Its  
Mechanism, by A. I. Brodskiy.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol 01, No 5,  
1955, pp 869-871.

Entry Tr 3460/APL 645

Sci - Chem  
Aug 68

238,325

Bibliography of Russian Titles (The Chemistry  
of Isotopes, by A. I. Brodskiy

RUSSIAN, 1952.

AP 580638

USSR  
Scientific - Isotopes, Bibliography

Treasure Island

11,114

A Study of the Transformations of Radicals During  
the Oxidation of 2,6-Di-(1,1'-Dimethylalkyl)-4-  
Methylphenols, by A. I. Brodskiy, V. D. Pokodenko,  
5 pp.

RUSSIAN, per, Zhur Strukturnoi Khimii, Vol IV, No 2,  
1963, pp 210-215.

CB

Sci  
Apr 64

254,115



The Equilibrium Exchange of Nitrogen Between Aqueous  
Gaseous and Liquid Ammonia, by L. L. Serizhina,  
B. G. Dondurko and A. I. Brodskiy, 6 pp.

REFERENCE, per Dok Ak Nauk SSSR, Vol CXXIV, No 5,  
1959, pp 1089-1092.

Consultants Bureau

Sci

Feb 60

108176

Height of the Potential Barrier in the Hydrogen Bonds  
of Benzoinhydroxide, by A. I. Brodskii, I. P.  
Grigorenko.

RUSSIAN, pub. Dokl Ak Nauk SSSR, Vol LXXXI, No 2,  
1951, pp 271-279.

ADG Tr 1514

Scientific - Chemistry, hydrogen, benzoinhydroxide

Brookhaven Nat Lab 24 Mar 1953

P43

Tautomerism of Hypophosphorous and Phosphorous  
Acids, by A. I. Brodskii, L. V. Sulima, 9 pp.

full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
LXXXV, No 6, 1952, pp 1277-1280.

NIH

Scientific - Chemistry Aug 53 CTS/DEB

4457

On the regular representations of completely  
 commutative algebras with a one-point spectrum.  
 M. S. Bredskii, 11 p.  
 Moscow, Uspehi Matematicheskikh Nauk, Vol. XVI,  
 1955, pp. 133-141.

Am Math Soc  
 Vol XVI, Ser 1

M. S. Bredskii

1955-1956  
 1955

1955

Application of a Waveguide Bridge for Matching  
Detector and Generator Sections, by A. N.  
Akhiezer, A. I. Brodskiy, 3 pp.

RUSSIAN, per, Izmeritel Tekh, No 12, 1959,  
pp 44, 45.

Instru Soc of Amer

Ecl

Oct 60

130,576

S-127/60

(NO-100)

The Mechanism of Hydrogen Ion Transfer in  
Solutions of the  $\alpha$ -Alkylaldehydes, p. 1.

RUSSIAN, *publ. Zhurnal Nauk SSSR, Vol. 10, 1958, pp. 1-10.*

JPRS 3190

Sci. Chem.  
Apr 60

113,860

Microcalorimeters for Measuring Super-High  
Frequency Power in the Three Centimeter  
Range, by A. I. Brodskiy, V. I. Pronenko. URCH

RUSSIAN, part, Izmerit Tekh, No 5, 1957, pp 65, 66.

FILE 807

RECEIVED 11/11/57

Sci - Engr  
Sep 59

93,881

The Effect of Isotopy on the Rate of Chemical  
Reactions, by A. I. Brodskiy, 4 pp.

RUSSIAN, bk, Khimiya Isotopov, 1952, Encl to SIR-  
2635, AF01H-1A1.

AJD/Apr 57

Sci - Chemistry

50,771

Aug 57

Surface Catalysis: Ortho-Para Conversions, by  
A. I. Brudskiy, 5 pp.

RUSSIAN, bk, Khimiya Isotopov, 1953, pp 282-284,  
Encl to SIR-2652, AFOLN-1A1.

AID/Apr 57

Sci - Chemistry  
Aug 57

50,770

Delayed Exchange of Hydrogen in Solutions of  
Ammonium Salts, by A. E. Brodskiy, L. V.  
Solov'ev, & P. P.

RUSSIAN, three-to four, Dokl. Akad. Nauk SSSR,  
Vol. LXXIV, No. 3, Moscow/Leningrad, 21 Sep  
1950

Scientific - Chemistry, CIA/OS-N-15329  
isotopes

USSR

1 Study of the Mechanisms of the Hydroxylation of Phenol and the Oxidation of Anthracene by Peroxide Compounds, Using  $O^{\bullet}$ , by A. I. Bredskiy and N. A. Vysotskaya. 5 pp.

RUSSIAN. per, Zhur O-shch Khim, Vol XXXII, No 7, 1962, pp. 2773-2777..

CB

Sci

340,919

May 64

Pellicular Bolometer (Thermistor) For  
Measuring Power in Millimeter Wave Range,  
by A. I. Brodskiy, 4 pp.

RUSSIAN, Patent No 140,104, IZM 1960, pp 1-3  
9678078

FTD-TT-62-916

Sci - Phys  
Sep 62

*211,084*

8-121/60

(NY-3728)

The Relationship of the Isotope Exchange of  
Hydrogen and Oxygen in Solutions to Molecular  
Structures, by A. I. Brodskiy, 9 pp.

RUSSIAN, bk, Voprosy Khimicheskoy Kinetiki  
Kataliza i Reaktsionnoy Sposobnosti, 1955,  
pp 18-23.

JPRS 5431

126, 054

Sci - Chem

8-60

USSR Works in the Fields of Radiochemistry and  
Radiation Chemistry - Isotope Exchange, by  
A. I. Brodskiy. 36 pp.

RESEARCH, pp. 1014-1016, Proc. Acad. Sci. USSR,  
1959, pp. 1014-1016.

JPRS 5223

Sci. - Chem

172400

Aug 60

The Use of Isotopes in the Study of Chemical  
Structure and Reaction Mechanisms, by A. I. Brodskiy,

14 of

RUSSIAN, per, Atom Energ, Vol IV, No 7, 1958, pp 52-63.

Consultants Bureau

Sci - Nuc Phys

Jun 59

90, 355

60-19969

Brodskiy, A. I., Dedusenko, N. I. and others.  
 AN INVESTIGATION OF THE MECHANISM OF  
 ORGANIC REACTIONS BY THE ISOTOPIC METHOD,  
 tr. by Mrs. Partridge. [1960] [7]p. 25 refs. S.C.R.  
 Scientific reprint no. 4; M 1599.  
 Order from I.C. or S.L.A. ml\$1.80, ph\$1.80      60-19969

Trans. of unidentified mono. received by Academy of  
 Sciences: 10 Jan 42.

The heavy oxygen was used as an indicator  
 for the elucidation of the mechanisms of certain reac-  
 tions. The Beckmann transformation of benzophen-  
 oxime involves, as intermediate stages, an elimina-  
 tion of oxygen of the oxime and the addition of oxygen  
 of water. Alkali-fusion of sodium benzenesulfonate,  
 p-naphthalenesulfonate and 5-amtraquinonemonosulfon-  
 ate takes place by way of the direct substitution of the  
 group SO<sub>2</sub>Na by the ONa group from the alkali. The  
 acylation of ethyl alcohol by acetic anhydride takes  
 place with the elimination of the hydroxyl from the  
 (Chemistry--Organic, TT, v. 5, no. 5)      (over)

1. Chemical reactions--  
    Analysis
2. Oxygen isotopes--  
    Exchange reactions
1. Brodskiy, A. I.
- II. Dedusenko, N. I.
- III. SocCulRel SR-4
- IV. DSIR L.L.U. M 1599
- V. Society of Cultural Relations  
    with the USSR (Ox. Brit.)

Office of Technical Services

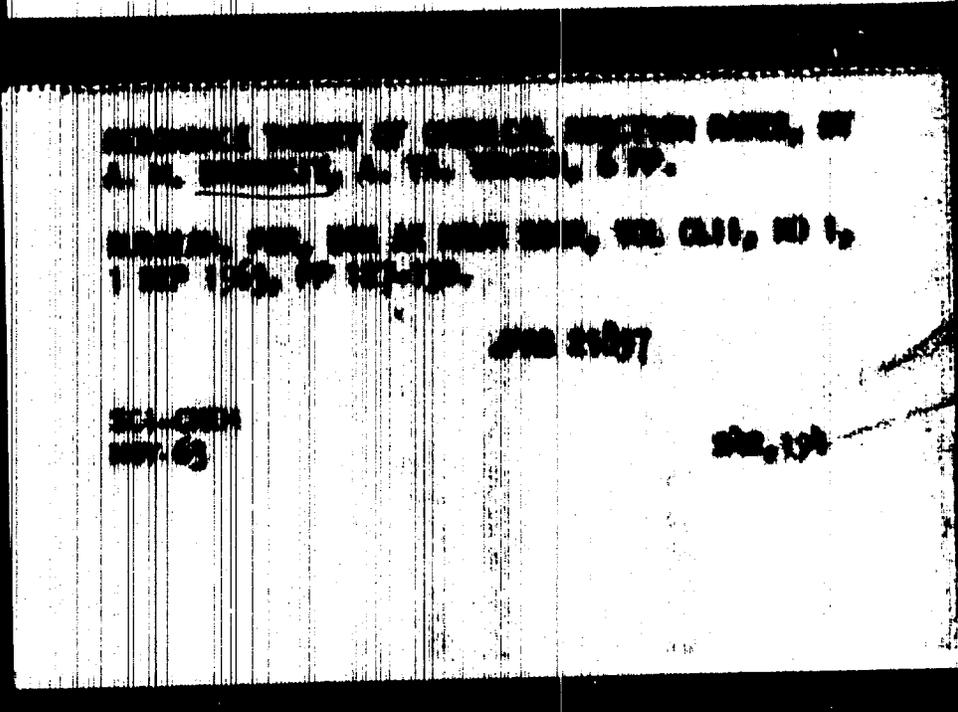
Investigation of Corrosion of Metals Using Heavy  
Oxygen Isotope, by A. L. Brodskiy, A. S. Fomenko,  
C. M. Abramova.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXX, pp 676-684.  
1956

SLA 45517  
Navy Tr 1547/NRL-639

Sci - Chemistry, Physics  
Nov 57

53, 254



Energy Transfer in the Radiolysis of Hydrocarbons, by A. M. Brodskiy, Yu. A. ~~KHIMIKHIN~~ Kolbanovskiy, et al, 24 pp.

KM RUSSIAN, per, Naftekimiya, Vol II, No 1, 1962, pp 54-67.

AEC-tr-5900

Sci-Phys

Sep 63

345, 241

The Kinetics of the Decomposition of Methyl Alcohol  
at High Temperatures, by A. M. Brodskiy, R. A.  
Kalinenko, et al, 9 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 4,  
1961, pp 553-561.

CB

Sci

Jun 62

200,441

63-18423

Brodskii, A. M., Kalinenko, R. P. and others.  
FORMATION MECHANISM OF SECONDARY PRODUCTS  
IN HIGH TEMPERATURE ETHANE CRACKING.

[1963] 6p. 3 refs.

Order from OTS or SLA \$1.10

63-18423

I. Brodskii, A. M.  
II. Kalinenko, R. P.

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1962,  
v. 144 (no. 4) p. 817-820.

DESCRIPTORS: \*Ethanes, \*Ethylenes, \*Methanes,  
\*Acetylenes, \*Propanes, \*Propenes, \*Butanes, \*Butenes,  
\*Butadienes, \*Chemical reactions, Decomposition,  
Pyrolysis.

1247859

The work was devoted to investigation of the formation  
mechanism of main secondary products during high  
temperature cracking of ethane to ethylene. Forma-  
tion of  $C_2H_4$ ,  $C_2H_2$ ,  $C_3H_6$ ,  $C_3H_4$ ,  $C_4H_{10}$ ,  $C_4H_8$  and  
 $C_4H_6$  was investigated. (Author)  
(Chemistry--Organic, TT, v. 10, no. 8)

Office of Technical Services

The Temperature Dependence of Radiation Chemical  
Conversion Rates of Hydrocarbons, by  
A. M. Brodskiy, K. P. Lavrovskiy, et al, P. 11.  
RUSSIAN, Ser. Kinetika i Kataliza, Vol. II,  
No. 1, 1968, pp 337-347.  
OH

US-14

10 583

A. M. BRODSKII, R. A. KALINENKO, K. P. LAVROVSKII

A method of investigating the mechanism of fast reactions  
in a turbulent reactor with the aid of tracer atoms

Zhur. Fiz. Khim. (USSR), 34, 192-195 (1960)

ATS-49M40R, \$ 9.25 - English

E u r a t o m

Mechanism of Inhibition of Radiolysis, by  
A. M. ~~Imvinskiy~~, Yu. A. Kolbanovskiy,

4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,  
No 5, 1961, pp 1081.

AIP

190,295

Sov Phys - Dok  
Vol VI, No 8

Sci  
Mar 62

NEW MODEL OF A HIGH-RESISTANCE SIX-DECADE  
POTENTIOMETER, BY T. B. ROZDESTVENSKIYA,  
D. I. ZDRIN, A. M. BRODSKIY, 5 PP.

RUSSIAN, PER, IZMERITEL TEXU, NO 6, 1961,  
PP 31-35.

ISA

SCI  
FEB 62

183,049

A New Possibility in Neutrino Theory, by A. M.  
Brodskiy, D. I. Ivanenko, 2 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz, Vol XXXIII,  
No 4 (10), 1957, pp. 910-912

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI (33), No 4

Sci - Phys

Jun 58

65,691

Relations Between Kinetic Isotope Effects in  
Rupture of the Bonds,  $C^{12} - C^{14}$  and  $C^{14} - C^{14}$ ,  
by A. M. Brodskiy, R. A. Kalinenko, K. P. Lavrov-  
skiy, 4 pp.

6

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVI, No. 1-5,  
1959, pp 1293-1295.

XCS CB

Sci  
Aug. 60

124,227

Dispersion Relations and the Derivations of the Equations  
for M-Reson Scattering, by A. M. Brodskiy, 5 pp.

RUSSIAN, per Zhur Ekspri i Teoret Fiz, Vol XXXIV,  
No 6, 1958, pp 1531-1538.

Amer Inst of Phys  
Sov Phys - JETP  
Vol VII (34), No 6

Sci - Phys  
Jan 59

78,736

Method of the Adsorption Analysis and Separation of  
Hydrocarbon Gases, by A. M. Brodskiy.

RUSSIAN, no per, Khim i Tekh Topliva, No 8, 1956,  
pp 18-22.

Tech and Comm

\$40.00

43,912

Sci - Chemistry  
Feb 1957 CTS/dex

The Kinetic Features of the High-Temperature  
Cracking of Isopenthane, by A. M. Brodskiy,  
K. P. Lavrovskiy, Su Wei-hang, 5 pp.

RUSSIAN, per, Kinetika i Kataliza, Vol I,  
No 3, 1960, pp 340-344.

CB

168,539

Sci  
Sep 61

On the Kinetics of High Temperature Ethane Cracking  
by A. M. ~~BRIDAKI~~ Brodskiy, R. A. Kalinenko, M.  
Lavrinskiy, V. B. Titov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No. 9,  
1957, pp 789-792.

Consultants Bureau

Sci - Chem  
Oct 58

74, 510

High Speed Contact Cracking, by A.  
M. Burtki, A. N. Buzantsev, 21 pp.  
RUSSIAN, see: High Speed Contact Cracking,  
Soviet Journal, Vol 13, 1970,  
pp 20-21.  
OCLC 77-67-60499

*A. M. Burtki*

336,382

Ref.  
Aug 67

New Equipment for Checking Heat-Power Instruments,  
by A. N. Gordov, A. M. Brodskiy, M. S. Kayander,  
A. L. Slonimskiy, 6 pp.

RUSSIAN, Izv. Vuzovsk. Tekhn. No 6, 1958,  
pp 51-56.

Instru 900 of Amer

Sci.

Apr 60

113,155

Chromatographic Analysis of Mixtures of Alkanes  
With Diolamines, by A. M. Brodskiy, et al.

RUSSIAN, paper, Khim i Tekhn Topliv i Masel, Vol. IV,  
No. 3, 1959, pp. 30-32.

ATS RJ-1985

Sci. Chem.

Jan 60

104,770

High-Temperature Dehydrogenation of Ethylbenzene,  
by A. M. Brodskiy, K. P. Lavrovskiy, E. D.  
Filatova, 4 pp

RUSSIAN, par, Iz Ak Nauk, SSSR, Otdel Khim Nauk,  
No 8, 1960, pp 1490-1494.

CB

Sci

169, 425

Sep 61

High-Speed Contact Cracking of Fushun Shale Tar, by  
Su Wai-Hang, A. M. Brodskiy, K. P. Lavrovskiy, d 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,  
1959, pp 394-

CB

Sci

Oct 60

130,661

The Mechanism of the High-Temperature Oxidation  
of Ethanol by A. M. Brodskiy, S. A. Kuznetsov,  
K. P. Lavrenko, V. B. Titov, 9 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Ser. Khim., No. 11,  
1959, pp. 2457-2465.

Cleaver-Hume Press

Sci.

Aug 60

123,664

Production of Acetylene by High-Speed Contact  
Cracking of Propane, by O. V. Kuzinskaya, K. P.  
Lazrovskiy, A. M. Brodskiy, 8 pp.

RUSSIAN, per, Khim i Tekhnol Top i Masal, Vol  
III, No 3, 1958, pp 1-7.

Assoc Tech Sv  
gkba

Sci - Chem  
Apr 59

84,375

✓  
Radiolysis of Heptane, by A. M. Brodskiy, Yu. A. Koltchenovskiy, E. D. Pilatova and A. S. Chernyshova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXII, No 6, 1958, pp 1035-1036.

Consultants Bureau

Sci.

102,025

Dec 59

Anticommuting Spinors and Bosons, by A. N. Brodskiy,  
D. D. Ivanenko, 5 pp.

RUSSIAN, per, Zhur Kasper i Teoret Fiz,  
Vol XXXVI (9), No 4, 1959, pp 1279-1285.

AIP  
Sov Phys - JETP

Nov 59

100,926

On the Development of Genuine Encryption Orders and  
Conditions of High Speed Cracking, by N. P. [unclear]  
A. P. [unclear], 64 pp.

RUSSIAN, part, Study Inst KefNI AN Nauk SSSR, Vol. [unclear]  
1958, pp. 1-64-69B.

SIA 59-10327

Est - [unclear]  
Sep 59  
Vol 2, No 2

98,045

Effect of Weak Interactions on the Electromagnetic  
Properties of Fermions, by A. M. Brodskiy, 3 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz, Vol XXXIX,  
No 2(8), 1960, pp 322-325.

AIP  
Sov Phys-JETP  
Vol XII, No 2

146,407

Sci  
Apr 61

1950-1953  
Detection of Hydrogen-Air Mixtures, by A. N.  
Irodov, Ya. B. Zel'dovich, 13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIV, No 7,  
1950, pp 778-785.

JPRS 7259

Sci - Phys

Jan 61

136,519

63-15975

Brodekii, A. Ts., Kremlevskii, V. P., and Savateev, A. V.  
NEW METHODS OF ESTABLISHING A THERMODYNAMIC SCALE IN THE LOW TEMPERATURE REGION (Novye Metody Osnacheniya Termodynamicheskoi Skaly v Oblasti Nizkikh Temperatur) by P. Brodekii et al. [1962] [17]p. (foreign text included) 3 refs. [CSIRO Trans.] no. 5921. Ordered from ONS or SLA \$1.60      63-15975

- I. Brodekii, A. Ts.
- II. Kremlevskii, V. P.
- III. Savateev, A. V.
- IV. CSIRO Trans-5921
- V. Commonwealth Scientific and Industrial Research Organization (Australia)

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Institut Metrologii. Trudy (USSR) 1960, v. 49, p. 24-29.

DISCUSSION: \*Thermodynamics, Scale, \*Low temperature research, Electromagnetism, Oscillation, Acoustics, \*Thermometers, Frequency, \*Measuring devices (Electrical and Electronic), Design.

(Physics--Thermodynamics, TT, v. 9, no. 12) (over)

Office of Technical Services

The Effects of Titanium on the Weldability  
of the Low-Alloy 14G2T Steel, by A. Ya. Brodskiy,  
R. Pal, 6 pp.  
RUSSIAN, per, Avtomat Svarka, No 3, 1964,  
pp 15-20.

BWRA

Sci

Oct 64

268,142

The Endurance of Butt Welded Joints in Large Diameter  
Grade 50S Steel Reinforcement Bars, by A. M.  
Kochanski and V. I. Loshchilov, 1955.

RUSSIAN, Eng, Abstract Summary, No 1,  
Jan 1955, pp 20-23.

RUSSIAN WORDS: No. 100 000.

Sci.

Eng. Cl.

258,748

Experience of Argon Tungsten-Arc and Metal-Arc  
Welding in the Fabrication of Aluminium  
Structures in Czechoslovakia, by A. Ya. ~~XX~~ Brodskiy,  
3 pp.

RUSSIAN, Izv., Avtomat Svarka, No 12, 1961,  
pp 61-84.

BWRA

Sci

Nov 62

216,507

The Effect of the Welding Conditions on the Surface  
Surface when Welding Aluminium Alloys by the Argon-  
Shielded Metal-Inert Process, by A. Ya. [unclear],  
Chern. Zhurnal, 1961, p. [unclear]

RUSSIAN, part, Izvestia Akad. Nauk, No 3, 1961, pp. 27-30

EMRA

Sci.

Mar 62

*188,113*

The Twin-electrode Semi-automatic Argon-arc  
Welding of Aluminium Alloys, by A. Ye. Brodskiy,  
A. S. Rakhmanov, 5 pp.

RUSSIAN, per, Svaroch # Proiz, No 10, 1960,  
pp 22-23.

BWRA

174, 306

Sci

Doc 61

Plug Welding by Deep Fusion, by A. Yu. Brodskiy.  
6 pp.

RUSSIAN, per, Svaroch Proiz, No 7, 1950, pp 18-20.

DWRA

Sci

169, 991

Oct 61.

Resistance Welding of Concrete Reinforcement, 19  
in the USSR, 1959, 14 pp.

RUSSIAN, Ser, Svaroch Proiz, No 7, 1959, pp. 3-14

British Welding Res Assoc

Sci  
Aug 60

The Weldability of Certain Aluminium Alloys for Use in Building, by A. Ya. Brodskiy, Chan Su Chin, 9 pp.

RUSSIAN, per, Avtomat Svarica, Vol LXXXII, No 4, 1960, pp 36-46.

IS/WRA

Sec 1 -  
Apr 61

146,466

98

THE FOLLOWING IS A SUMMARY OF THE INFORMATION  
OBTAINED FROM THE SOURCE DURING THE PERIOD  
OF THE SOURCE'S OPERATION, FROM 1954 TO 1957.  
THE SOURCE IS A MEMBER OF THE  
COMMUNIST PARTY OF THE UNITED STATES OF AMERICA.

*A. K. [unclear]*

100-100000  
100-100000

100-100000

A New Auto-Spot Welding Method, by A. Ye.  
Erodakty, UNCL

RUSSIAN, p. 1, Svaroch Proiz, No 10, 1958.  
SID 18-21.

DEAR LUU RFB 1262

(100. 00.)

*104, 505*

Had - finger  
Dec 59

The Automatic Submerged Arc Welding of Stop  
Members of Composite Ferroconcrete Components,  
by A. Ya. Brodskii, N. V. Tolmacheva, 5 pp.

RUSSIAN, part, Svarochi Proiz, No 11, 1962, 28-30 pp.

BWHA

Sci  
Oct 63

242,000

Properties of Reinforcements Made of St. 9ps  
Balanced Steel, by A. Ya. Brodskiy, M. T.  
Bul'skiy, N. M. Malin, S. S. Petrov, P. I.  
Sokolovskiy, A. M. Fridman, V. S. Yakovleva,  
6 pp.

RUSSIAN, Izv., Stal, No 12, 1959, pp 1118-1128

The Iron and Steel Institute

Sci-Tech

119026

June 60

Experience in the Organization and Execution  
of Prophylactic Disinfection Measures  
in a Garrison, by B. Yu. Brodskiy

RUSSIAN, no per, Voyenno Med Zhur, No 8,  
Moscow, Aug 1960, pp 115-116

US JPRS 7609

137,904

Unit Surgeon's Concern About the Soldiers  
Lagging Behind in Physical Training, by  
E. M. Brodskiy, 3 pp.

RUSSIAN, per, Voyenno-Med Zhur, No 2, 1955,  
pp 23-24, Encl to IR-1028-55, AFOIN-IAI,  
16 Aug 1955, CIA D-311965

AIR 686873

28,387

USSR  
Military  
Scientific - Medicine

Nov 55 CTS